

U.S. Department
of Transportation

United States
Coast Guard



LOCAL NOTICE TO MARINERS

Coastal Waters From Shrewsbury River, New Jersey to Little River, South Carolina

MONTHLY EDITION

1 February, 2000

00NIS Watchstander, 24 hours a day at (703) 313-590000

00INTERNET ADDRESS00

HTTP://www.navcen.uscg.mil

OR

FTP://ftp.navcen.uscg.mil

The monthly edition has information concerning the waterways of the Fifth Coast Guard District. Weekly supplemental editions containing only new information will be sent for the rest of the month. NOTE: Chart corrections and Light List changes are published only once each. Subscription to this weekly publication is free. If you have questions about the LNM or wish to be on the mailing list, contact:

COMMANDER, FIFTH COAST GUARD DISTRICT (Aowa)

431 Crawford Street, Portsmouth, Virginia, 23704-5004
Telephone (Day): 757-398-6486. To order LNM: Ext. 6486
24 Hour FAX: (757) 398-6303

BROADCAST NOTICE TO MARINERS

This section contains corrections to federal and private maintained Aids to Navigation, as well as NOS corrections. The following Broadcast Notice to Mariners (BNM's) have been issued since last week:

CCGD5 (D5)	D5-0032	To 0066
Group Philadelphia	PH-0007	
Group Atlantic City	AC-0007	To 0036
Activities Baltimore	BA-0017	To 0060
Group Eastern Shore	ES-0002	To 0010
Group Hampton Roads	HR-0027	To 0051
Group Cape Hatteras	CH-0011	To 0018
Group Fort Macon	FM-0024	To 0030

REFERENCES: Light List Reference: ATLANTIC COAST, VOLUME 2, COMDTPUB P16502.2, 1999 Edition
U.S. Coast Pilot 3, Atlantic Coast: Sandy Hook to Cape Henry (33rd Edition).
U.S. Coast Pilot 4, Atlantic Coast: Cape Henry to Key West (31st Edition).
All bearings are in degrees TRUE - All times are in Local Time unless otherwise noted.

REPORT DEFECTS IN AIDS TO NAVIGATION TO THE NEAREST COAST GUARD UNIT

I SPECIAL NOTICES: This section contains information of Special concern to the Mariner.

LOCAL NOTICE TO MARINERS ON THE INTERNET

Coast Guard District 5 offers the Local Notice to Mariners, (LNM), through the Internet; [HTTP://www.navcen.uscg.mil](http://www.navcen.uscg.mil) or [FTP://ftp.navcen.uscg.mil](ftp://ftp.navcen.uscg.mil). Customers capable of accessing the LNM by Internet are encouraged to take advantage of this service. Internet use delivers information faster and provides multiple copy customers the ability to print needed amount. The use of the above service would assist with reducing publishing and mailing cost.

Customers deciding to take advantage of the web access vice mailed paper copy should notify COMMANDER, FIFTH COAST GUARD DISTRICT (Aowa) 431 Crawford Street, Portsmouth, Virginia, 23704-5004. The point of contact is QM1 Dennis Maulding at (757) 398-6486, D5LOCAL@LANTD5.USCG.MILLANT.

MAJOR QUALITY ASSURANCE STUDY OF NOS TIDAL CURRENT PREDICTIONS

A major statistical study of subordinate tidal current stations listed in Table 2 of both the Atlantic Coast Current Table (ACCT) and the Pacific Coast Current Table (PCCT) has been completed by the Center for Operational Oceanographic Products and Services (CO-OPS) of the National Ocean Service (NOS). The reasons for the study were:

- All major estuaries are constantly undergoing construction, dredging, and other activities that critically effect the times, speeds, and patterns of the tidal currents within the estuary.
- Older observations were very often of very short duration due to the type of instrumentation available at the time and the costs involved.
- Instrumentation for obtaining continuous current observations have only been available for about ten years and are extremely expensive. These Acoustic Doppler type meters are employed in and are what makes the Physical Oceanographic Real Time Systems (PORTS) possible. Operational PORTS systems providing real time tide, current, and meteorological data to mariners are presently available in only four major estuaries.
- The extremely high cost of obtaining new tidal current observations as well as verifying the accuracy of presently published data preclude the updating of subordinate stations in the published Tidal Current Tables.

Therefore the two criteria the study concentrated on were:

- The age of the data upon which the subordinate station time and speed differences are based.
- The duration of the observations upon which the subordinate station time and speed differences are based.

Just because the original data is *older* than an arbitrary date or the duration of observations is *less* than an arbitrary length does not, in and of itself, mean that the published correction factors are in error. However, it does greatly increase both the *possibility* and *probability* of error. The NOS does not have the funding, personnel, and other resources to verify or update tidal current subordinate stations. Since one of the prime responsibilities of the NOS is Marine Safety and Navigation, this study was ordered.

The results of this study are being evaluated. A major policy decision should be forth coming sometime after January 1, 2000. **This decision could result in the removal of fifty percent (50%) or more of the tidal current subordinate stations now listed in NOS Tidal Current Tables! This reduction in the number of tidal current subordinate stations could occur as early as the year 2001 Tidal Current Tables.**

TIDAL CURRENT PREDICTIONS INSIDE U.S. ESTUARIES

At present there are four U.S. estuaries with operational Physical Oceanographic Real Time Systems (PORTS) installed. PORTS systems are presently being installed in several additional estuaries. Over the next ten years there are projected to be twenty or more additional systems installed. In the past, the tidal current reference station has always been located at the entrance to each estuary. All tidal current secondary stations both inside and outside (along the coast) have been referred to the reference station at the entrance to the estuary. This will no longer be the case in estuaries with an operational PORTS system.

Estuaries with an operational PORTS system will have at *least* two reference stations. One will be the historic station at the entrance to the estuary. All secondary stations along the coast will continue to be referred to this station. The second tidal current reference station will be the primary PORTS station within the estuary. All secondary locations within the estuary itself will be referred to this location. Depending on the circulation dynamics of the estuary, daily tidal current predictions may be provided for one or more additional stations within the estuary.

Tidal current predictions for Galveston Bay, TX, have been converted to this new format in the year 2000 edition of the Atlantic Coast Current Table (ACCT). Tidal current predictions for San Francisco Bay, CA; Tampa Bay, FL; and New York Harbor, NY are scheduled for conversion to this new format for the 2001 Tidal Current Tables. This format will be extended to each estuary as each new PORTS system is installed and becomes fully operational.

YEAR 2000 (Y2K) EVENT STATEMENT FOR LORAN-C AND DGPS

Users are advised that the USCG expects that the Coast Guard's two radio navigation services, Loran-C and DGPS, will be functioning properly on key dates associated with the year 2000 (Y2K) problem. All necessary measures are being taken to prepare these systems for the transition. Users are cautioned, however, that due to the unusual nature of Y2K problems, no system is immune to disruptions during the key transition dates. For this reason, all users are strongly urged to have well thought out contingency plans to revert to should one of these systems be disrupted, either due to its own failure, or due to the failure of supporting infrastructure serviced, or hardware, such as the receivers used in either system.

The Y2K computer problem is not restricted to the transition from 31 December 1999 to 01 January 2000. Outlined below are two Y2K transition periods of interest, which are collectively referred to as the Y2K problem:

Event	Transition Period
Leap year rollover	28 FEB 2000 – 29 FEB 2000

Users are advised that disruptions to Loran-C and DGPS services could occur during these transition periods. The U.S. Coast Guard is currently testing these systems and is taking collective measures to ensure that they will operate properly during transition periods. Users are further advised that there are ancillary systems/services that support the Loran-C and DGPS services such as commercial power, voice, and data communication networks, over which the Coast Guard has limited or no control. A failure of one or more of these ancillary systems/services could also affect radio navigation service during transition periods.

Users should be aware that receivers and applications, such as electronic charting systems, might also experience difficulties during transition periods. Users are advised to contact manufacturers of their receivers and applications to determine if they will operate properly during transition periods. Questions or comments should be referred to the Coast Guard Navigation Center (NAVCEN) at (703) 313-5900. Additional information can also be found at the NAVCEN web site at [HTTP://WWW.NAVCEN.USCG.MIL](http://www.navcen.uscg.mil)

CAUTION TO BE USED IN RELIANCE UPON AIDS TO NAVIGATION

The aids to navigation depicted on charts comprise a system of fixed and floating aids with varying degrees of reliability. Therefore, prudent mariners will not rely solely on any single aid to navigation, particularly a floating aid. With respect to buoys, the buoy symbol is used to indicate the approximate position of the buoy body and the sinker, which secures the buoy to the seabed. The approximate position is used because of practical limitations in positioning and maintaining buoys and their sinkers in precise geographical locations. These limitations include, but are not limited to, inherent imprecision's in position fixing methods, prevailing atmospheric and sea conditions, the slope of and the material making up the seabed, the fact that buoys are moored to sinkers by varying lengths of chain, and the fact that buoy body and/or sinker positions are not under continuous surveillance but are normally checked only during periodic maintenance visits which often occur more than a year apart. The position of the buoy body can be expected to shift inside and outside the charting symbol due to the forces of nature. The mariner is also cautioned that buoys are liable to be carried away, shifted, capsized, sunk, etc. Lighted buoys may be extinguished or sound signals may not function as the result of ice, running ice or other natural causes, collisions, or other accidents. For the foregoing reasons, a prudent mariner must not rely completely upon the position or operation of floating aids to navigation, but will also utilize bearings from fixed objects and aids to navigation on shore. Further, a vessel attempting to pass close aboard always risks collision with a yawing buoy or with the obstruction the buoy marks.

RIGHT WHALE - REPORTING AREA - INFORMATION

- a. **WHALESSOUTH:** The geographical boundaries of the southeast reporting system include coastal waters within about 25 nautical miles along a 90 nautical mile stretch of the Atlantic seaboard in Florida and Georgia. The area extends from the shoreline east to longitude 80°51.60'W with the southern and northern boundaries at latitudes 30°00.00'N and 31°27.00'N, respectively. NOAA Chart No. 11009.

REPORTING METHOD

- a. Vessels are required to report specific ship information to the Coast Guard upon entry into the reporting area. Direct reports should be made via INMARSAT C to one of the below addresses.
Email: RightWhale.MSR@noaa.gov or Telex: 236737831
- b. Vessels not equipped with INMARSAT C should report directly to one of the below addresses via alternate satellite communications equipment.
Email: RightWhale.MSR@noaa.gov or Telex: 236737831
- c. Vessels unable to use satellite communications equipment should contact the U.S. Coast Guard Communication Area Master Station, Chesapeake, VA via SITOR/NBDP on 8426.3 kHz, 12590.8 kHz, 16817.8 kHz twenty four hours per day, or 6314.3 kHz from 2300 GMT until 1100 GMT and 22387.8 kHz from 1100 GMT until 2300 GMT.
- d. Vessels unable to use satellite communications or SITOR/NBDP should contact the U.S. Coast Guard Communication Area Master Station, Chesapeake, VA via published voice frequencies.

REPORTING INSTRUCTIONS

- a. Vessels shall report the following information in accordance with the IMO format in Resolution A.648(16) General Principles for Ship Reporting Systems and Ship Reporting Requirements.

Paragraph	Function	Information Required
System name	System identifier	WHALESSOUTH.
A	Ship	Vessel name and call sign.
B	Date, time, and month of report	Six digit group giving day of month and time, single letter indicating time zone, and three letters indicating month.
E	True course	3-digit number indicating true course.
F	Speed in knots and tenths	3-digit group indicating knots and tenths.
H	Date, time, and point of entry into system	Date and time expressed as in (B) and latitude and longitude expressed as a four digit group giving latitude, the letter N indicating north, followed by a / , a five digit group giving longitude, and the letter W indicating west.
I	Destination and ETA	Name of port and arrival time expressed as in (B).
Paragraph	Function	Information Required
L	Route information	Route information should be reported as either a direct rhumbline to port (RL) and intended speed expressed as in (F), or a series of way points (WP). Vessels reporting waypoints should include latitude and longitude, expressed as in (H), and intended speed between

	waypoints. For vessels transiting within a traffic separation scheme (TSS), give only the waypoints and intended speed for entry and departure of TSS.
--	--

b. Reports shall follow the prescribed format shown below. Reports should be sent as a direct email or telex. Use of batch message routing services may delay receipt of a report:

c. **WHALESSOUTH** – TO: RightWhale.MSR@noaa.gov

WHALESSOUTH//
A/BEAGLE/NVES//
B/270810Z MAR//
E/250//
F/17.0//
H/270810Z MAR/3030N/08052W//
I/MAYPORT/271215Z MAR//
L/RL/17.0//

VA - WILLOUGHBY BAY - THIMBLE SHOALS CHANNEL - HELICOPTER AIRBORNE MINE COUNTERMEASURES OPERATIONS

Helicopter Mine Countermeasures Squadron Fourteen (HM-14) routinely conducts airborne mine countermeasures (AMCM) operations utilizing the MH-53E helicopter at low altitudes over the following inland and coastal waterways:

- Willoughby Bay
- Thimble Shoals channel from the Naval Station Norfolk piers to the Chesapeake Bay Bridge Tunnel.
- An area of the Chesapeake Bay, adjacent to the Thimble Shoals channel from Thimble Shoals to the Chesapeake Bay bridge tunnel extending to the north four miles to form a four by seven mile rectangle.

During these operations, the aircraft will be operating at altitudes as low as seventy-five feet and will produce localized winds in excess of 125 miles per hour. Rotor wash produced winds pose a considerable hazard to vessels, especially sailing vessels. The devices the helicopters tow range in size and appearance from a large orange and white sled approximately the size of a pick up truck to slightly submerged steel pipes thirty feet in length, both of which have submerged cable extending well beyond the visible portion of the towed device. The Aircraft Commanders have been directed to exercise every effort to conflict and avoid surface vessels.

All mariners are requested to remain well clear of the helicopters, the towed devices, and the area extending directly behind the aircraft for four hundred yards. Do not approach or cross the area directly behind the towed device as a submerged hazard exists regardless of whether the device is in motion or stationary.

VA - SEACOAST/THIMBLE SHOAL CHANNEL - Low Altitude Helicopter Operations:

Mariners are advised that helicopter mine countermeasures (AMCM) operations will be conducted during daylight hours in the area bounded by the following points:

SEACOAST

37°00'00"N 75°55'00"W
37°30'00"N 75°34'00"W
37°30'00"N 75°30'00"W
37°00'00"N 75°30'00"W

36°55'00"N 75°55'00"W
36°55'00"N 75°30'00"W
36°30'00"N 75°30'00"W
36°30'00"N 75°47'00"W

CHESAPEAKE ENT

36°54'51"N 75°47'17"W
36°52'09"N 75°43'39"W
36°54'09"N 75°48'07"W
36°51'26"N 75°44'30"W

36°58'24"N 75°44'24"W
36°59'01"N 75°43'26"W
36°53'09"N 75°36'36"W
36°52'23"N 75°37'34"W

CHESAPEAKE ENT

36°54'51"N 75°47'17"W
36°52'09"N 75°43'39"W
36°54'09"N 75°48'07"W
36°51'26"N 75°44'30"W

36°58'24"N 75°44'24"W
36°59'01"N 75°43'26"W
36°53'09"N 75°36'36"W
36°52'23"N 75°37'34"W

36°57'15"N 75°45'31"W
36°56'45"N 75°44'28"W
36°52'03"N 75°49'17"W
36°51'26"N 75°48'12"W

36°52'59"N 75°50'12"W
36°52'28"N 75°49'09"W
36°55'00"N 75°47'10"W
36°55'32"N 75°48'13"W

SMITH ISLAND SHOAL

37°06'42"N 75°44'54"W
37°04'42"N 75°38'36"W
37°03'43"N 75°44'54"W
37°02'43"N 75°38'36"W

37°03'42"N 75°44'54"W
37°03'42"N 75°38'36"W
37°01'43"N 75°44'54"W
37°01'43"N 75°38'36"W

37°05'24"N 75°42'14"W
37°05'24"N 75°39'46"W
37°01'30"N 75°42'14"W
37°01'30"N 75°39'46"W

THIMBLE SHOAL CHNL

37°00'27"N 76°12'46"W
37°01'23"N 76°12'24"W
37°00'09"N 76°07'38"W
36°59'12"N 76°08'01"W

These operations involve large naval helicopters at flight altitudes of 100 feet or less, towing surface and sub-surface devices at speeds up to 25 knots. Helicopters may be identified by a rotating amber position light on centerline of main hull flashing 90 times per minute. An area of hurricane-force winds exists within a 250-foot radius around these helicopters, sufficient to blow people and objects from exposed decks and capsize small craft. The towed devices may be completely invisible and include large cables on or just below the surface streaming up to 1200 feet behind the aircraft. AMCM helicopters will transit to and from the area described above in the following manner: Outboard from the seaplane ramp at the Norfolk Naval Air Station across Willoughby Bay to the main shipping channel, then easterly along the main channel to Buoy 21. From Buoy 21 either East, SE or SSE to the operating area. The return flight will follow the same path as the outbound flight. To minimize the potential for mishap, vessels are requested to remain well clear of these danger zones when AMCM operations are encountered.

Chart: 12200, 12205, 12221, 12222, 12254

HIGH SEAS DRIFTNET (HSDN) ACTIVITY

IN 1991 the United Nations passed resolution 46/215 prohibiting the use of large scale driftnets on the high seas, world wide. The U.S. Congress subsequently passed the High Seas Driftnet Enforcement Act, establishing prohibitions and sanctions against the use of driftnets.

HSDN and vessel characteristics:

HSDN vessels characteristics are similar to foreign squid vessels and long liners with a working deck forward of the superstructure amidships. The most distinguishing characteristic of a HSDN vessel is the large tube running from the working deck amidships to the net bin aft. HSDN vessels are typically 30 to 40 meters (100 to 150 feet) in length. HSDN vessels typically operate seaward of the U.S. 200 NM Exclusive Economic Zone. Other characteristics include extra bags of net piled about the decks, net marker buoys on the open side of the working deck. When identifying HSDN vessels please note if there is a flag flying and any name or numbers on the hull. Driftnets in the water will have white and yellow floats and a large round buoy marking both ends. Nets in excess of 2.5 km (1.5 miles) are illegal. Pictures identifying HSDN vessels characteristics can be provided upon request at (510) 437-3700 or Telex 172343. Public information on HSDN vessels and activity will greatly assist the U.S. Coast Guard's efforts to enforce the United Nations moratorium against HSDN fishing.

AVAILABILITY OF A NATIONAL OCEAN SERVICE CRITICAL CHART CORRECTIONS WEB SITE

The Office of Coast Survey, National Ocean Service (NOS), NOAA, announces a new Internet service to the marine public at the following web site:
<http://chartmaker.ncd.noaa.gov>

This service provides advance notification of critical chart corrections identified by NOS cartographers during nautical chart updating activities. Critical chart corrections are either recently identified hazards to navigation or are information regarded by NOS as essential for safe navigation, e.g. channel conditions, bridge and cable clearances, regulatory changes. Critical chart corrections posted on this web site are forwarded to the United States Coast Guard (USCG) and the National Imagery and Mapping Agency (NIMA) for inclusion in their Local Notice To Mariners (LNM) and Notice To Mariners (NM) respectively. Additionally, updates to the United States Coast Pilot, Volumes 1-9, are posted on this web site.

This web site must not be viewed as a substitute for either the USCG LNM or the NIMA NM. Aid to navigation changes and other important information published in USCG and NIMA notices are not available on this web site.

NATIONAL OCEAN SERVICE - CHARTS, PUBLICATIONS, AND TABLES

Sales agents for Charts and Coast Pilots of the National Ocean Service are located in many U. S. ports and in some foreign ports. A list of authorized sales agents and chart catalogs is available free upon request from National Ocean Service, Distribution Division (N/ACC3), 6501 Lafayette Avenue, Riverdale, Maryland 20737.

VIRGINIA - SEACOAST - VACAPES OPAREA - HAZOPS - FIRING EXERCISE

Firing hazardous to surface vessels maybe conducted at anytime in the following vicinity starting approximately. 20 NM off Cape Charles, VA. In the Virginia Capes operating area: Beginning at 37-15N 075-30W to 37-15N 074-30W to 37-05N 074-30W To 37-00N 075-30W thence to point of beginning. Mariners should use extreme caution when transiting the area.

NJ - DE - SEACOAST - Sonobuoy Operations

Mariners are advised that sonobuoy operations will be conducted during daylight hours in the area bounded by the following points:

38°36'00"N 075°00'00"W
38°45'00"N 074°53'00"W
38°45'00"N 074°20'00"W
38°00'00"N 073°05'00"W
38°00'00"N 075°11'00"W

These operations involve aircraft dropping objects at low altitudes. Mariners should exercise extreme caution when transiting the area.

Chart: 12200, 12214

II DISCREPANCIES: The following is a summary of uncorrected discrepancies in aids to navigation as of **8:00 A.M., 01 January, 2000**. Discrepancies will be corrected as soon as possible, and printed in the discrepancy list each week until corrected. All aids are listed in the Coast Guard Light List, Volume II 1999 (COMDTPUB P16502.2)

DISCREPANCIES

LLNR	Name of Aid	Status	Chart Affected	BNM Ref.	LNM Ref.
490.00	Chesapeake Bay South Approach LB 16	LT DIM	12200	0042HR	05/00
1250.00	Clam Creek Buoy 4	LT EXT	12316	0004AC	02/00
1420.00	Townsend Inlet Buoy B	DBN DMGD	12316	0018AC	05/00
1580.00	Delaware Bay Main Channel Light 19	LT EXT	12214	0012AC	04/00
1630.00	Delaware Bay Main Channel LB 35	LT EXT	12304	0020AC	05/00
2097.00	Rehoboth Bay Buoy 2	OFF STA	12214	0007AC	03/00
2350.00	Port Mahon Approach Buoy 1	MISSING	12304	0024AC	05/00
2360.00	Port Mahon Approach Buoy 3	MISSING	12304	0022AC	05/00
2365.00	Port Mahon Approach Buoy 5	MISSING	12304	0025AC	05/00
2370.00	Port Mahon Approach Buoy 6	MISSING	12304	0026AC	05/00
2375.00	Port Mahon Approach Buoy 7	MISSING	12304	0027AC	05/00
2380.00	Port Mahon Approach Buoy 8	MISSING	12304	0028AC	05/00
2385.00	Port Mahon Approach Buoy 9	MISSING	12304	0029AC	05/00
2390.00	Port Mahon Approach Buoy 10	MISSING	12304	0030AC	05/00
2395.00	Port Mahon Approach Buoy 11	MISSING	12304	0031AC	05/00
2400.00	Port Mahon Approach Buoy 12	MISSING	12304	0032AC	05/00
2405.00	Port Mahon Approach Buoy 13	MISSING	12304	0033AC	05/00
2635.00	Reedy Island Range Work Light WR10R	TRLB	12311	0396PH	39/99
3580.00	Petty Island Lower End Buoy P	OFF STA	12312	0031PH	05/00
4230.00	Bordentown Bar Junction Buoy B	OFF STA	12314	0029PH	04/00
4415.00	Indian River Inlet Buoy 15	OFF STA	12214	0009AC	05/00

Chart LLNR	Name of Aid	Status	Affected	BNM Ref.	LN Ref.
5295.00	Chincoteague Inlet Lighted Buoy 5	LT EXT	12210	0156ES	50/99
5375.00	Chincoteague Channel LB 23	TRUB	12210	0008ES	05/00
5760.00	Virginia Inside Passage DBN 50	TRUB/DEST	12210	0089ES	23/97
5830.00	Virginia Inside Passage DBN 73	TRUB	12210	0147ES	47/99
5835.00	Virginia Inside Passage DBN 75	TRUB	12210	0146ES	47/99
5855.00	Parker Creek Channel Daybeacon 2	TRUB	12210	0037ES	05/98
5865.00	Parker Creek Channel Daybeacon 6	TRUB	12210	0051ES	05/98
6080.00	Virginia Inside Passage DBN 145	TRUB	12210	0130ES	41/99
6265.00	Virginia Inside Passage DBN 196	TRUB	12221	0080ES	30/99
6725.00	Quinby Inlet Buoy 8	OFF STA	12210	0154ES	47/99
6755.00	Quinby Creek Daybeacon 2	DBN DMGD	12210	0116ES	38/99
6790.00	North Inlet Light 1	LT EXT	12210	0004ES	03/00
6915.00	Great Machipongo Channel Light 6	DBN DMGD	12210	0005ES	03/00
7295.00	Rappahannock Shoal CH South RR LT	LT EXT	12225	0963HR	50/99
7830.00	Chesapeake Channel Lighted Buoy 91	OFF STA	12263	0038BA	05/00
8145.00	Brewerton Channel Lighted Buoy 2B	LT EXT	12278	0039BA	05/00
8860.00	Upper Chesapeake Channel LB 51	LT EXT	12273	0032BA	05/00
8925.00	Elk River Channel Lighted Buoy 1ER	LT EXT	12273	0040BA	05/00
10137.00	Lynnhaven Inlet Light 4	DBN DMGD	12205	0035HR	05/00
10137.00	Lynnhaven Inlet Light 4	DBN DMGD	12254	0035HR	05/00
10470.00	Little Creek Entrance LB 2LC	LT IMCH	12205	0003HR	02/00
12240.00	Dancing Point Shoal Channel RR LT	LT EXT	12251	0007HR	02/00
12585.00	Appomattox River Channel DBN 14	TRUB	12251	0711HR	39/99
13430.00	York River Entrance Channel LB 8	OFF STA	12221	0027HR	04/00
13685.00	West Branch Channel Buoy 20	MISSING	12238	0793HR	41/99
13955.00	Upper York River Daybeacon 21	MISSING	12243	0955HR	50/99
14135.00	Davis Creek Channel Daybeacon 4	TRUB	12238	0166HR	11/99
14495.00	Horn Harbor Light 12	LT EXT	12221	0972HR	51/99
16660.00	St Marys River Junction LB SM	LT EXT	12233	0018BA	04/00
17615.00	Potomac River Middle-Channel LWB D	LT DIM	12285	0077BA	09/99
18555.00	Upper Potomac River Channel Buoy 79	OFF STA	12289	0037BA	05/00
18685.00	Four Mile Run Daybeacon 6	TRUB/SHOALING	12285	NONEBA	14/97
20790.00	Hawkins Point Buoy WR 1	BUOYSUNK	12273	0035BA	05/00
21665.00	Nassawadox Creek Daybeacon 8	TRUB	12226	1150HR	19/99
22320.00	Guilford Creek Daybeacon 7	DBN IMCH	12225	0247FM	27/99
22835.00	Little Annemessex River Daybeacon 5	DBN DMGD	12228	0042BA	05/00
23145.00	Tyler Creek Channel Daybeacon 9	TRUB	12231	NONEBA	38/99
23150.00	Tyler Creek Channel Light 11	TRLB	12231	0417BA	38/99
23775.00	Wicomico River Channel Light 55A	MISSING	12230	0023BA	04/00
23790.00	Wicomico River Channel Light 18	MISSING	12230	0025BA	04/00
23795.00	Webster Cove Channel Buoy 1	OFF STA	12261	0029BA	05/00
23815.00	Wicomico River Channel Daybeacon 22	MISSING	12230	0024BA	04/00
23940.00	Wicomico River Channel Buoy 50	MISSING	12261	0021BA	04/00
25855.00	Tilghman Island Harbor Light 5	TRLB	12263	0470BA	41/99
25880.00	Harris Creek Light 5	MISSING	12263	0017BA	04/00
28003.00	Oregon Inlet Lighted Buoy 6	MISSING	12204	0280CH	52/99
28015.00	Oregon Inlet Lighted Buoy 9	OFF STA	12204	0010CH	05/00
28030.00	Oregon Inlet Buoy 13	TRUB	12204	0246CH	44/99
28141.00	Oregon Inlet Light 41	TRUB	12204	0287CH	01/00
28145.00	Oregon Inlet Channel Buoy 42	TRUB	12204	0012CH	05/00
28230.00	Old House Channel Light 8	LT EXT	12204	0016CH	05/00
28435.00	Roanoke Sound Channel Daybeacon 16A	DBN IMCH	12204	0017CH	05/00
28535.00	Manteo Channel Junction Light MC	DBN DMGD	12204	0017CH	05/00
28663.00	Hatteras Inlet Lighted Buoy 6A	LT EXT	11555	0274CH	50/99
28755.00	Hatteras Inlet Channel Daybeacon 17	TRUB	11555	0281CH	52/99
28900.00	Ocracoke Inlet Buoy 1	TRUB	11548	NONECH	47/99
28905.00	Ocracoke Inlet Lighted Buoy 2	LT IMCH	11548	0007CH	04/00
29055.00	Big Foot Slough Channel Light 9	MISSING	11548	0014CH	05/00
29060.00	Big Foot Slough Channel Light 10	TRLB	11548	0008CH	05/00
29075.00	Big Foot Slough Channel DBN 12	TRUB	11548	0009CH	05/00
29435.00	Morehead City Channel RR Light	LT EXT	11547	0007FM	02/00
30188.00	Masonboro Inlet Buoy 8A	MISSING	11541	NONEFM	40/99
30318.00	Cape Fear River Channel LB 2	LT EXT	11536	0030FM	05/00
31255.00	Knotts Island Ferry Terminal LT 2	MISSING	12205	0013CH	05/00
31260.00	Knotts Island Ferry Terminal LT 4	MISSING	12205	0013CH	05/00
31895.00	Chowan River Daybeacon 32	TRUB	12205	NONECH	40/99
31990.00	Stumpy Point Bay Channel Light 2SP	LT IMCH	12204	0271CH	50/99
32075.00	Stumpy Point Target Warning Light E	TRLB	12204	0031CH	05/99
32100.00	Pingleton Shoal Light 1PS	MISSING	11555	NONECH	48/99
32495.00	Brant Island Warning Light A	LT EXT	11548	NONEFM	40/99
32530.00	Brant Island Warning Light G	MISSING	11548	NONEFM	40/99
32580.00	Brant Island Warning Daybeacon Q	DBN DMGD	11548	NONEFM	40/99
32620.00	Brant Island Warning Light Y	MISSING	11548	NONEFM	40/99
33250.00	Gaylord Bay Ferry Terminal CH DBN 3	DBN DMGD	11554	0506FM	01/00

Chart LLNR	Name of Aid	Status	Affected	BNM Ref.	LNM Ref.
33500.00	Point Of Marsh Daybeacon	TRUB	11541	0187FM	21/99
34360.00	Core Sound Channel Light 7	DBN DEST	11544	NONEFM	36/99
34520.00	Core Sound Light 24	MISSING	11544	NONEFM	36/99
34555.00	Sealevel Channel Light 3	TRLB	11544	0155FM	19/99
34765.00	North River Daybeacon 8 (CORE SOUND	TRUB	11543	0281FM	31/99
36385.00	New Jersey ICW Buoy 374	ADRIFT	12316	0014AC	04/00
36520.00	New Jersey ICW Buoy 419	OFF STA	12316	0016AC	05/00
36530.00	New Jersey ICW Buoy 423	OFF STA	12316	0017AC	05/00
36790.00	Cape May Canal W Ent N Jty LT 11	FS IMCH	12214	0023AC	05/00
36880.00	Southern Branch Light 20	TRLB	12206	0011HR	03/00
37100.00	Southern Branch Light 37	DBN DEST	12206	0921HR	48/99
37545.00	Great Bridge Albemarle Sound LT 95	MISSING	12206	0013CH	05/00

DISCREPANCIES CORRECTED (Since 01 January, 2000)

LLNR	Name of Aid	Status	Chart Affected	BNM Ref.	LNM Ref.
500.00	Rudee Inlet Lighted Whistle Buoy RI	RELIGHTED	12205	0930D5	01/00
1185.00	Absecon Inlet Lighted Buoy 4	WATCHING PROPERLY	12316	0004AC	03/00
1240.00	Clam Creek Junction Lighted Buoy CC	DISCONTINUED	12316	0009AC	04/00
1455.00	Cape May Harbor Range Front Light	WATCHING PROPERLY	12214	0013AC	04/00
1460.00	Cape May Harbor Range Rear Light	WATCHING PROPERLY	12214	0013AC	04/00
1580.00	Delaware Bay Main Channel Light 19	WATCHING PROPERLY	12214	0012AC	04/00
1650.00	Cape May Canal West Ent App LB 2	RELIGHTED	12214	0011AC	04/00
1660.00	Cape May Canal West Ent App LB 5	WATCHING PROPERLY	12214	0335AC	01/00
2130.00	Rehoboth Bay Channel Lighted Buoy 13	RELIGHTED	12216	0155ES	50/99
2450.00	Liston Range Rear Light	RELIGHTED	12311	0014PH	03/00
2470.00	Liston Range Lighted Buoy 8L	RELIGHTED	12304	0002PH	02/00
2720.00	New Castle Range Lighted Gong B 1N	RELIGHTED	12311	0033PH	05/00
3245.00	Chester Range Lighted Buoy 4C	WATCHING PROPERLY	12312	0020PH	04/00
3285.00	Tinicum Range Front Light	RELIGHTED	12312	0017PH	04/00
3320.00	Billingsport Range Front Light	RELIGHTED	12312	0018PH	04/00
3370.00	Mifflin Range Front Light	RELIGHTED	12312	0019PH	04/00
3515.00	Eagle Point Lighted Buoy 46A	RELIGHTED	12312	0034PH	05/00
3645.00	Delaware River Channel Lighted B 55	WATCHING PROPERLY	12312	0027PH	04/00
3655.00	Delair Range Rear Light	RELIGHTED	12314	0004PH	02/00
3720.00	Tacony Range Front Light	RELIGHTED	12314	0022PH	04/00
3745.00	Torresdale Lower Range Rear Light	WATCHING PROPERLY	12314	0010PH	03/00
3755.00	Torresdale Upper Rang Rear Light	RELIGHTED	12314	0021PH	04/00
3770.00	Mud Island Lower Range Rear Light	WATCHING PROPERLY	12314	0006PH	02/00
4010.00	Upper Delaware River Channel LB 51	RESET ON STATION	12314	0024PH	04/00
4095.00	Upper Delaware River Channel LB 65	RELIGHTED	12314	0011PH	03/00
4135.00	Upper Delaware River Channel LB 69	WATCHING PROPERLY	12314	0013PH	03/00
5280.00	Chincoteague Inlet Lighted Buoy 2	RELIGHTED	12210	0001ES	02/00
7075.00	Chesapeake Channel Lighted Buoy 9	RELIGHTED	12221	0023HR	03/00
8060.00	Craighill Channel Lighted Buoy 9	RELIGHTED	12273	0009BA	03/00
8800.00	Upper Chesapeake Channel LB 50	RELIGHTED	12273	0006BA	02/00
8870.00	Upper Chesapeake Channel LB 53	DISCONTINUED	12273	0022BA	04/00
9235.00	Thimble Shoal Channel LB 7	WATCHING PROPERLY	12221	0026HR	04/00
9255.00	Thimble Shoal Channel LBB 9	RELIGHTED	12221	0023HR	04/00
9270.00	Thimble Shoal Channel LGB 12	WATCHING PROPERLY	12221	0016HR	03/00
9295.00	Thimble Shoal Channel LGB 17	WATCHING PROPERLY	12221	0033HR	05/00
9310.00	Thimble Shoal Light	WATCHING PROPERLY	12221	0022HR	03/00
10930.00	Hampton River Channel Daybeacon 12	REBUILT/RECOVERED	12221	0971HR	51/99
11825.00	Skiffes Creek Channel LB 2	RESET ON STATION	12248	0005HR	02/00
12065.00	Goose Hill Channel RF Light	WATCHING PROPERLY	12248	0008HR	02/00
13730.00	Sarah Creek Light 8	WATCHING PROPERLY	12221	0034HR	05/00
16660.00	St Marys River Junction LB SM	RELIGHTED	12233	0010BA	03/00
16675.00	St Marys River Light 2	RELIGHTED	12233	0014BA	03/00
18600.00	Upper Potomac River Lighted Buoy 90	RELIGHTED	12289	0005BA	01/00
28300.00	Old House Channel Light 24OH	WATCHING PROPERLY	12204	0005CH	03/00
28820.00	Rollinson Channel Light 32	WATCHING PROPERLY	11555	0004CH	03/00
28934.00	Ocracoke Inlet Buoy 13	RELOCATED	11548	0286CH	01/00
28970.00	Teaches Hole Channel Light 30	REBUILT/RECOVERED	11544	0253CH	47/99
28970.00	Teaches Hole Channel Light 30	REBUILT/RECOVERED	11548	0253CH	47/99
29370.00	Beaufort Inlet Channel LB 12	WATCHING PROPERLY	11541	0014FM	03/00
30220.00	Wrightsville Channel Daybeacon 14	REBUILT/RECOVERED	11541	0459FM	48/99
30370.00	Cape Fear River Channel LBB 11	RELIGHTED	11534	0016FM	03/00
30405.00	Southport Channel Range Front LT	RELIGHTED	11534	0494FM	50/99
30645.00	Lower Midnight Channel RR Light	RELIGHTED	11534	0008FM	02/00
30645.00	Lower Midnight Channel RR Light	RELIGHTED	11537	0008FM	02/00
32320.00	Durant Point Light 2	RELIGHTED	11555	0006CH	04/00
34979.00	Shark River Inlet N Bkw Light 2	WATCHING PROPERLY	12324	0015AC	05/00
36885.00	Southern Branch Light 22	RELIGHTED	12206	0013HR	03/00

LLNR	Name of Aid	Status	Chart Affected	BNM Ref.	LNM Ref.
38310.00	Adams Creek Range A Front Light 7	RELIGHTED	11541	0013FM	03/00
38760.00	Bogue Sound Daybeacon 3A	REBUILT/RECOVERED	11541	0010FM	02/00
38915.00	Bogue Sound Daybeacon 19	REBUILT/RECOVERED	11541	0203FM	22/99
38970.00	Bogue Sound Daybeacon 30	REBUILT/RECOVERED	11541	0143FM	17/99
39285.00	Bogue Sound/New River Daybeacon 69	REBUILT/RECOVERED	11541	0415FM	45/99
39435.00	New River Cape Fear River DBN 53	REBUILT/RECOVERED	11541	0478FM	02/00
39500.00	New River/Cape Fear River DBN 84	REBUILT/RECOVERED	11541	0194FM	21/99
39595.00	New River/Cape Fear River DBN 120	REBUILT/RECOVERED	11541	0162CH	19/99
39610.00	New River/Cape Fear River DBN 124	REBUILT/RECOVERED	11541	0317FM	33/99
39705.00	New River/Cape Fear Riv DBN 150	REBUILT/RECOVERED	11534	0437FM	47/99
39850.00	New River Cape Fear River DBN 165	REBUILT/RECOVERED	11534	0469FM	02/00
40175.00	Lockwoods Folly River DBN 10	WATCHING PROPERLY	11534	0012FM	03/00

DISCREPANCIES (PRIVATE AIDS)

LLNR	Name of Aid	Status	Chart Affected	BNM Ref.	LNM Ref.
None					

DISCREPANCIES (PRIVATE AIDS) CORRECTED

LLNR	Name of Aid	Status	Chart Affected	BNM Ref.	LNM Ref.
None					

III TEMPORARY CHANGES - TEMPORARY CHANGES CORRECTED: This section contains temporary changes and corrections to Aids to Navigation for the current week. When aids are temporarily relocated for dredging, a temporary correction shall be listed in Section IV giving the new position.

TEMPORARY CHANGES

LLNR	Name of Aid	Status	Chart Affected	LNM Ref.
None				

TEMPORARY CHANGES CORRECTED

None				
------	--	--	--	--

IV CHART CORRECTIONS

This section contains corrections to federal and private maintained Aids to Navigation, as well as NOS corrections. This section contains corrective actions affecting chart(s). Corrections appear numerically by chart number, and pertain to that chart only. **The mariner must decide which Chart(s) to correct. The following example explains the individual elements of a typical chart correction.**

Chart Number	Chart Edition	Edition Date	Last Local Notice to Mariners	Horizontal Datum Reference	Source of Correction	Current Local Notice to Mariners
12327	91 st Ed.	04/19/97	LAST LNM 26/97	NAD 83	(CGD05)	50/97
(TEMP) NY-NJ-NEW YORK HARBOR - RARITAN RIVER						
Add	National Dock Channel Buoy 3, green can					40°41'09.0"N 074°02'48.1"W
Corrective Action	Object of corrective Action					Position (Degrees, minutes, seconds and tenths)

The letter (M) immediately following the chart number indicates that the correction should be applied to the Metric side of the chart only. (Temp) Indicates that the chart correction action is temporary in nature. Courses and bearings are given in degrees true, clockwise from 000. Bearings of light sectors are toward the light from seaward. The nominal range of lights is expressed in nautical miles (NM).

11541 30th ed.05/23/1998	LAST LNM : 47/99	NAD 83	05/00
ICW NEUSE RIV TO MYRTLE GROVE SD			
Relocate	Morehead City Harbor Channel Daybeacon 7 from		CGD05
	to		34-43-00.581N 076-43-04.755W
			34-42-59.778N 076-43-08.946W
	Morehead City Harbor Junction Light MC from		34-42-51.525N 076-42-22. 731W
	to		34-42-50.688N 076-42-26.634W
	Cockle Point Warning Daybeacon from		35-02-54.840N 076-37-59.520W
	to		35-02-54.707N 076-37-58.586W
	Morehead City Channel Daybeacon 28 from		34-43-05.048N 076-41-27.840W
	to		34-43-05.043N 076-41-28.209W
	Bogue Sound New River Light 65A from		34-32-41.792N 077-19-03.780W
	to		34-32-41.972N 077-19-02.900W

Bogue Sound Light 4 from To	34-42-53.581N 076-43-27.756W 34-42-53.006N 076-43-29.052W	
11542 14th ed.07/03/1993 LAST LNM : 43/99 NAD 83 NEW RIVER Relocate Bogue Sound New River Light 65A from to	CGD05 34-32-41.792N 077-19-03.780W 34-32-41.972N 077-19-02.900W	05/00
11543 21st ed.08/15/1998 LAST LNM : 47/99 NAD 83 CAPE LOOKOUT TO NEW RIVER Relocate Morehead City Harbor Channel Daybeacon 7 from to	CGD05 34-43-00.581N 076-43-04.755W 34-42-59.778N 076-43-08.946W	05/00
Morehead City Harbor Junction Light MC from to	34-42-51.525N 076-42-22. 731W 34-42-50.688N 076-42-26.634W	
Morehead City Channel Daybeacon 28 from to	34-43-05.048N 076-41-27.840W 34-43-05.043N 076-41-28.209W	
11544 35th ed.10/09/1999 LAST LNM : 45/99 NAD 83 PORTSMOUTH ISLAND TO BEAUFORT: INCLUDING CAPE LOOKOUT SHOAL Cockle Point Warning Daybeacon from to	CGD05 35-02-54.840N 076-37-59.520W 35-02-54.707N 076-37-58.586W	05/00
11545 57th ed.01/18/1997 LAST LNM : 43/99 NAD 83 BEAUFORT INLET AND PART OF CORE SOUND Relocate Morehead City Harbor Channel Daybeacon 7 from to	CGD05 34-43-00.581N 076-43-04.755W 34-42-59.778N 076-43-08.946W	05/00
Morehead City Harbor Junction Light MC from to	34-42-51.525N 076-42-22. 731W 34-42-50.688N 076-42-26.634W	
Bogue Sound Light 4 from to	34-42-53.581N 076-43-27.756W 34-42-53.006N 076-43-29.052W	
Morehead City Channel Daybeacon 28 from to	34-43-05.048N 076-41-27.840W 34-43-05.043N 076-41-28.209W	
11547 33rd ed.10/09/1999 LAST LNM : 45/99 NAD 83 MOREHEAD CITY HARBOR Relocate Morehead City Harbor Channel Daybeacon 7 from to	CGD05 34-43-00.581N 076-43-04.755W 34-42-59.778N 076-43-08.946W	05/00
Morehead City Harbor Junction Light MC from to	34-42-51.525N 076-42-22. 731W 34-42-50.688N 076-42-26.634W	
Bogue Sound Light 4 from to	34-42-53.581N 076-43-27.756W 34-42-53.006N 076-43-29.052W	
Morehead City Channel Daybeacon 28 from to	34-43-05.048N 076-41-27.840W 34-43-05.043N 076-41-28.209W	
11548 36th ed.05/22/1999 LAST LNM : 43/99 NAD 83 PAMLICO SOUND- WESTERN PART Relocate Cockle Point Warning Daybeacon from to	CGD05 35-02-54.840N 076-37-59.520W 35-02-54.707N 076-37-58.586W	05/00
Ocracoke Inlet Lighted Buoy 16 from to	35-04-13.585N 076-01-16.057W 35-04-14.864N 076-01-10.225W	
Ocracoke Inlet Lighted Buoy 10 from to	35-03-42.000N 076-00-45.000W 35-03-44.871N 076-00-33.302W	
11550 26th ed.07/08/1995 LAST LNM : 42/99 NAD 83 OCRACOKE INLET AND PART OF CORE SOUND Relocate Ocracoke Inlet Lighted Buoy 16 from to	CGD05 35-04-13.585N 076-01-16.057W 35-04-14.864N 076-01-10.225W	05/00
Ocracoke Inlet Lighted Buoy 10 from to	35-03-42.000N 076-00-45.000W 35-03-44.871N 076-00-33.302W	

11552 17th ed.10/31/1992 LAST LNM : 43/99 NAD 83
NEUSE RIVER AND UPPER PART OF BAY RIVER
Relocate Clubfoot Creek Entrance Daybeacon 1 from
to

Cockle Point Warning Daybeacon from
to

Clubfoot Creek Daybeacon 5 from
to

Clubfoot Creek Daybeacon 6 from
to

Clubfoot Creek Entrance Light 3 from
to

Clubfoot Creek Daybeacon 8 from
to

05/00
CGD05
34-56-00.240N 076-45-13.860W
34-55-59.828N 076-45-13.386W

35-02-54.840N 076-37-59.520W
35-02-54.707N 076-37-58.586W

34-55-10.920N 076-45-31.380W
34-55-10.877N 076-45-31.031W

34-55-06.662N 076-45-31.920W
34-55-06.423N 076-45-31.751W

34-55-24.653N 076-45-33.416W
34-55-24.841N 076-45-34.281W

34-54-55.740N 076-45-24.660W
34-54-55.314N 076-45-24.857W

11555 36th ed.01/11/1997 LAST LNM : 43/99 NAD 83
CAPE HATTERAS: WIMBLE SHOALS TO OCRACOCK INLET
Relocate Hatteras Inlet Lighted Buoy 4 from
to

Ocracoke Inlet Lighted Buoy 16 from
to

Ocracoke Inlet Lighted Buoy 10 from
to

Hatteras Inlet Buoy 3 from
to

Hatteras Inlet Buoy 5 from
to

05/00
CGD05
35-11-04.744N 075-44-05.309W
35-11-10.558N 075-44-19.148W

35-04-13.585N 076-01-16.057W
35-04-14.864N 076-01-10.225W

35-03-42.000N 076-00-45.000W
35-03-44.871N 076-00-33.302W

35-10-59.458N 075-44-17.087W
35-10-58.867N 075-44-13.682W

35-11-05.422N 075-44-25.528W
35-11-07.017N 075-44-21.659W

12204 33rd ed.06/15/1996 LAST LNM : 50/99 NAD 83
CURRITUCK BEACH LIGHT TO WIMBLE SHOALS
Relocate Oregon Inlet Buoy 4 from
to

Oregon Inlet Lighted Buoy 9 from
to

Oregon Inlet Lighted Buoy 6 from
to

05/00
CGD05
35-47-28.123N 075-30-51.711W
35-47-29.461N 075-30-47.416W

35-46-56.998N 075-31-21.966W
35-46-51.729N 075-31-26.483W

35-47-21.708N 075-30-58.522W
35-47-21.661N 075-30-57.496W

12205 25th ed.11/20/1999 LAST LNM : 04/00 NAD 83
CAPE HENRY TO PAMLICO SOUND
Relocate Oregon Inlet Buoy 4 from
to

Oregon Inlet Lighted Buoy 9 from
to

Oregon Inlet Lighted Buoy 6 from
to

05/00
CGD05
35-47-28.123N 075-30-51.711W
35-47-29.461N 075-30-47.416W

35-46-56.998N 075-31-21.966W
35-46-51.729N 075-31-26.483W

35-47-21.708N 075-30-58.522W
35-47-21.661N 075-30-57.496W

12216 25th ed.06/15/1996 LAST LNM : 47/99 NAD 83
CAPE HENLOPEN TO INDIAN RIVER INLET
Change Indian River Channel Daybeacon 22
to

Indian River Channel Buoy 22, Red nun in

12304 40th ed.02/20/1999 LAST LNM : 41/99 NAD 83
DELAWARE BAY
Change Fortescue Creek Entrance Buoy 4
to
Fortescue Creek Entrance Buoy 4 (Priv) in

05/00
CGD05
38-36-02.204N 075-07-34.760W

05/00
CGD05
39-14-33.318N 075-10-43.272W

V ADVANCE NOTICES: This section contains advance notice of approved projects or upcoming temporary changes such as dredging, etc. Mariners are advised to use caution while transiting these areas.

None

VI PROPOSED CHANGES: This section contains notice of **non-approved**, proposed projects open for comment. SPECIAL NOTE: Mariners are requested to respond in writing to: Commander, Fifth Coast Guard District (Aoww), 431 Crawford Street, Portsmouth, VA 23704-5004, unless otherwise noted.

LORAN C Station Malone (Rate 7980-M / 8970-W)

This is a proposal to authorize LORSTA Malone (rate 7980-m/8970-w) unusable time from 1300z to 1500z on 09 MAR 2000. The alternate time will be from 1300z to 1500z on 10 MAR 2000. Objections will be considered until 1500z 05 mar 2000.

Users shall address inquiries to the southeastern US. Loran-C chain operations control officer (POC: LT Robert Berger) at (703)313-5873/5900.

Current Loran-C status is available 24 hrs/day through Internet address: <http://www.navcen.uscg.mil>, [Ftp://ftp.navcen.uscg.mil](ftp://ftp.navcen.uscg.mil).

VII GENERAL: This section contains information of general concern to the mariner. Mariners are advised to use caution while transiting these areas.

SEASONALS

The following aids to navigation lighting equipment has been removed for the 1999 – 2000 ice season:

LLNR	NAME OF AID	CHART	LLNR	NAME OF AID	CHART
5245	George Island Landing Light 1	12211	5430	Chincoteague Bay Light 8	12211
5435	Chincoteague Bay Light 9	12211	5445	Chincoteague Bay Light 12	12211
5480	Chincoteague Bay Light 18	12211	5490	Chincoteague Bay Light 21	12211
35745	NJICW Light 182	12316	35760	NJICW Light 186	12316
35770	NJICW Light 189	12316	35840	NJICW Light 211	12316
35850	NJICW Light 215	12316	35860	NJICW Light 219	12316
35980	NJICW Light 252	12316	36000	NJICW Light 260	12316
36005	NJICW Light 262	12316	36010	NJICW Light 264	12316
36045	NJICW Light 275	12316	36065	NJICW Light 280	12316
36105	NJICW Light 293	12316	36130	NJICW Light 299	12316
36145	NJICW Light 304	12316	36160	NJICW Light 309	12316
36165	NJICW Light 310	12316	36190	NJICW Light 317	12316
36210	NJICW Light 322	12316	36230	NJICW Light 328	12316
36245	NJICW Light 331	12316	36260	NJICW Light 336	12316
36295	NJICW Light 346	12316	36305	NJICW Light 349	12316
36335	NJICW Light 359	12316	36345	NJICW Light 362	12316
36360	NJICW Light 365	12316	36390	NJICW Light 375	12316
36395	NJICW Light 377	12316	36400	NJICW Light 378	12316
36420	NJICW Light 383	12316	36430	NJICW Light 386	12316
36560	NJICW Light 431	12316	36575	NJICW Light 436	12316
36580	NJICW Light 437	12316	36595	NJICW Light 442	12316
36600	NJICW Light 443	12316	36610	NJICW Light 445	12316
36625	NJICW Light 449	12316	36645	NJICW Light 454	12316
36665	NJICW Light 461	12316	36670	NJICW Light 463	12316
36675	NJICW Light 465	12316	36685	NJICW Light 468	12316
36695	NJICW Light 470	12316	36700	NJICW Light 471	12316
36710	NJICW Light 475	12316	36450	NJICW Light 392	12316

The following aids to navigation have been remove for the 1999 – 2000 ice season:

LLNR	NAME OF AID	CHART	LLNR	NAME OF AID	CHART
1317	Longport Buoy 7	12318	None	Longport Buoy 8	12318
None	Longport Buoy 9	12318	36393	NJICW Buoy 376	12316
36515	NJICW Buoy 416	12316	36517	NJICW Buoy 417	12316
36518	NJICW Buoy 418	12316	36525	NJICW Buoy 421	12316
36535	NJICW Buoy 424	12316			

DREDGING AND CONSTRUCTION OPERATIONS

The following is a list of dredging operations being conducted in the Fifth Coast Guard District. Mariners should be aware that the dredge and pontoon lines are held in place by cables, which are attached to anchors some distance from the dredge and pontoons. Buoys are attached to the anchors so that they may be moved as the dredge advances. Mariners are advised that dredges, tugs, barges, submerged and or floating navigation may be temporarily relocated to facilitate dredging. The dredge and related equipment will be lighted and marked in accordance with International or Inland Navigation Rules and the dredge will monitor Channels 13 and 16 VHF-FM unless otherwise noted. Mariners are cautioned to strictly comply with Inland Navigation Rules when approaching, passing and leaving the area of operation, to remain a safe distance from the equipment, and to contact the dredge for specific transiting information.

CONSTRUCTION/DREDGING LOCAL NOTICE TO MARINERS NOTIFICATION DEADLINES

Construction and dredging companies should notify D5(Aow) at least 3 weeks prior to operation begin date for information to be published in the Local Notice to Mariners. It is requested that notification be delivered by fax and followed up by telephone. Fax# (757)398-6334 or (757)398-6303 and voice Phone# (757)398-6225 or (757)398-6486.

LOCATION	COMPLETION DATE	DREDGE	REF LNM
NJ - LONG BEACH ISLAND – Cable Replacement	FEBUARY, 2000	CALDWELL CABLE	04/00
NJ – ICW – LITTLE EGG HARBOR BRIDGE CONSTR	JULY 2001	-----	02/00
PA – FAIRMOUNT DAM – SCHUYKILL RIVER – DREDING	MARCH 6, 2000	EAST ATLANTIC CONST	02/00
PA – DELAWARE RIVER – FT. MIFFLIN – CONSTR	UNTIL FURTHER NOTICE	COMPLETE DIVING SERVICE	04/00
MD – LEHIGH PORTLAND CEMENT CO – CONSTR	JUNE 30, 2000	LEHIGH PORTLAND CEMENT	48/99
MD – WASHINGTON DC – KINGMAN LAKE – DREDGING	MARCH 30, 2000	BLUE RIDGE	46/99
MD – FROG MORTAR CREEK – DREDGING	FEBRUARY 15, 2000	JOSEPHINE	41/99
MD – VA – FISHERMANS ISLAND	UNTIL FURTHER NOTICE	WRIGHT DREDGE	32/99
VA – CHESAPEAKE BAY – THIMBLE SHOALS- DREDG	MARCH 20, 2000	RN WEEKS	49/99
VA – THIMBLE SHOALS – SURVEYING	APRIL 1, 2000	RUDE	05/00
VA – ATLANTIC OCEAN – 42 ND ST PUMPING STATION	MAY 31, 2000	ARCHER WESTERN CO	46/99
VA – JAMES RIVER	UNTIL FURTHER NOTICE	HAMPTON ROADS	32/99
VA – CRANEY ISLAND DREDGING	FEBUARY 18,2000	ALASKA	51/99
VA – ELIZABETH RIV - LAMBERTS END-CONSTRUCTION	JUNE 2000	-----	16/99
VA – HAMPTON ROADS NORFOLK HARBOR CONSTR	JUNE 2002	TIDEWATER CONSTR	25/99
VA – HAMPTON ROADS NORFOLK HARBOR DREDGE	UNTIL FURTHER NOTICE	ESSEX	40/99
VA – ELIZABETH RIVER DREDGING	JUNE 2000	MARY HOPE	28/99
VA – ELIZABETH RIVER NORFOLK NAVAL SHIPYARD	JULY 2002	TIDEWATER CONSTR	05/00
VA – ELIZABETH RIVER - NAUTICUS – DREDGING	SEPTEMBER 2000	TIDEWATER CONSTR	04/00
VA – ATLANTIC ICW – DISMAL SWAMP – DREDGING	MARCH 20, 2000	TNT DREDGING CO	02/00
VA – RUDEE INLET	UNTIL FURTHER NOTICE	RUDEE II	39/99
NC – NEW BERN – CONSTRUCTION	SEPTEMBER 30, 2000	McLEAN CONTRACTING CO	46/99
NC – SILVER LAKE HARBOR MANTEO BAY – DREDGING	APRIL 30, 2000	CONTELL CONSTRUCTION	03/00
NC – OREGON INLET DREDGING	UNTIL FURTHER NOTICE	ATCHAFALAYA	40/99
NC – ATLANTIC – ICW – CONSTRUCTION	JULY 31, 2001	-----	17/99
NC - CROATAN SOUND - BRIDGE CONSTRUCTION	DECEMBER 2001	-----	09/99
NC – WILMINGTON HARBOR – DREDGING	APRIL 1, 2000	DODGE ISLAND / SUGAR IS.	05/00

SUMMARY OF SHOALING

The following list is a summary of shoaling articles published in the D-5 Local Notice to Mariners. For the complete article see the number listed under REF LNM. However shoaling is subject to continual change. In many inlets hydrography is not shown due to frequent changes. All mariners are urged to use caution when transiting these areas.

LOCATION	PUBLISHED DATE	CHART	REF LNM
NJ - ICW - TOW ISLAND	26 MAY 98	12316	21-98
NJ - BARNEGAT INLET	23 MAY 95	12324	21-95
NJ - ICW - LITTLE EGG HARBOR TO CAPE MAY	21 MAY 96	12318	19-96
NJ - MANASQUAN TO ATLANTIC CITY - ICW	16 JUL 96	12316	29-96
NJ - ICW	18 APR 95	12316, 12318	16-95
NJ - MANASQUAN INLET	10 FEB 98	12324	06-98
NJ - LITTLE EGG HARBOR TO CAPE MAY	07 NOV 95	12214	45-95
NJ - ATLANTIC CITY TO CAPE MAY - ICW	02 MAY 95	12316, 12318	18-95
NJ - DE - DELAWARE BAY MAIN CHANNEL	28 JUL 98	12304	30-98
NJ - DE - REHOBOTH BAY	07 MAY 96	12216	19-96
NJ - DE - DEL BAY - EAST SIDE FORTESQUE CK	09 MAY 95	12304	19-95
DE - CAPE HENLOPEN - ROOSEVELT INLET	02 MAY 95	12214, 12216	18-95
DE - MURDERKILL RIVER	05 MAY 98	12304	18-98
DE - CAPE HENLOPEN - REHOBOTH BAY	25 APR 95	12304	17-95
DE - INDIAN RIVER INLET	07 MAY 96	12216	19-96
MD - OCEAN CITY INLET	10 FEB 98	12211	06-98
MD - ICW - CAPE MAY CANAL	24 MAR 98	12316	12-98
MD - CHESAPEAKE BAY - KNAPPS NARROWS	07 JUL 98	12266	27-98
MD - CHESAPEAKE BAY	6 OCT 98	12233	40-98
MD - SINEPUXENT BAY	19 MAR 96	12211	12-96
MD - TAR BAY	2 SEP 97	12261	35-97
MD - UP CHESAPEAKE BAY – NORTH EAST RIVER	30 SEP 97	12273	39-97
MD - CHESAPEAKE BAY - ST JEROME CREEK	14 NOV 97	12233	46-97
MD - UPPER CHESAPEAKE BAY - SMITH IS	07 JAN 97	12228, 12231	01-97
MD - MAGOTHY RIVER - CRYSTAL BEACH	10 OCT 95	12282	41-95
MD - ISLE OF WIGHT BAY	14 NOV 99 - 03 NOV 98	12211	44-98, 13-98
VA - SEACOAST - GREAT MACHIPONGO INLET	16 JUL 96	12210	29-96
VA - VIRGINIA INSIDE PASSAGE	15 JUL 97 - 03 NOV 98	12210	28-97, 44-98
VA - CHINCOTEAGUE CHANNEL	22 APR 99 - 14 NOV 99	12210, 12211	16-97, 45-97, 46-97
VA - NASSAWADDOX CREEK	02 SEP 97	12216	35-97

LOCATION	PUBLISHED DATE	CHART	REF LNM
VA - CHESAPEAKE BAY - MOBJACK BAY	07 MAY 96	12238	19-96
VA - RAPPAHANNOCK RIVER	22 OCT 96	12237	43-96
VA - CHES BAY - RAPPAHANNOCK RIV ENT	23 MAY 95	12235	21-95
VA - CHESAPEAKE BAY - QUEENS CREEK	29 JUL 97	12235	30-97
VA - CHESAPEAKE BAY - NANDUA CREEK	04 JUN 96	12226	23-96
VA - CHESAPEAKE BAY - RAPPAHANNOCK RIVER	29 APR 97	12211	17-97
VA - POQUOSON RIVER	31 MAR 98	12238	13-98
VA - CHESAPEAKE BAY - JAMES RIVER	30 JUL 96	12251	31-96
NC - ALBEMARLE SOUND - ROANOKE RIVER	13 FEB 96	12205	07-96
NC - NEUSE RIVER - MYRTLE GROVE SOUND	20 OCT 98	11541	42-98
NC - OLD HOUSE CHANNEL	21 NOV 97	12205	47-97
NC - OREGON INLET	05 MAY 95 - 22 JUN 99	12204, 12205	18, 29-95, 29-96, 22,27,45-97 11, 12, 21-98, 23, 25-99
NC - OREGON INLET - WALTER SLOUGH	07 MAY 96	12205	19-96
NC - MANTEO CHANNEL - ROANOKE SOUND	08 JUN 99	12204	23-99
NC - ICW - ALLIGATOR RIVER	23 MAY 95 - 19 MAR 96	11553	21-95, 12-96
NC - BARDEN INLET	09 APR 95	11550	15-95
NC - CAROLINA BEACH INLET	25 AUG 97	11550	34-97
NC - OCRACOCK INLET	30 JAN 96	11550	05-96
NC - BOGUE INLET	25 JUN 96 - 05 MAY 98	11541	26-96, 32, 35, 45-97, 02, 13, 16-98
NC - BOGUE SOUND	31 DEC 97 - 05 MAY 98	11541	53-97, 17, 18-98
NC - SHALLOTTE INLET	25 JUN 96 - 24 AUG 99	11541	26-96, 34-99
NC - NEW TOPSAIL INLET	25 JUN 98 - 13 JAN 98	11541	26-96, 02-98
NC - ELIZABETH RIVER SOUTHERN BRANCH	13 JAN 98	12206	02-98
NC - CAUSEWAY CHANNEL	13 JAN 98	11541	02-98
NC - CAPE FEAR RIVER	21 APR 98	11537	16-98
NC - CAPE FEAR RIVER - LITTLE RIVER	22 OCT 96 - 13 MAY 97	11534	43-96, 19-97
NC - DRUM INLET	24 FEB 98 - 07 APR 98	11550	08, 14-98
NC - HATTERAS INLET	19 MAR 96 -22 SEP 98	11555	12, 19, 47-96, 38-98
NC - HATTERAS INLET - ROLLINSON CHANNEL	19 MAY 96	11555	19-96
NC - HATTERAS INLET - SOUTH FERRY	12 DEC 97	11555	50-97
NC - HATTERAS INLET - TEACHES HOLE	07 MAY 96	11550	19-96
NC - NEW RIVER INLET	10 JUN 97 - 28 APR 98	11542	46, 52-96, 23, 45-97, 17-98
NC - ROLLINSON CHANNEL	6 OCT 98	11555	40-98
NC - OLD ROLLINSON CHANNEL	23 SEP 97	11555	38-97
NC - AICW SHALLOTTE INLET	24 DEC 96	11534	52-96
NC - AICW - CORE CREEK	11 MAR 97 - 10 JUN 97	11541	10, 23-97
NC - MASONBORO INLET	19 NOV 96 - 24 DEC 96	11541	47, 52-96
NC - MASONBORO INLET - MOTTS CHANNEL	9 MAY 95	11541	19-95
NC - TEACHES HOLE CHANNEL	15 APR 97	11555	15-97
NC - PAMILICO SOUND	9 SEP 97	11550	36-97
NC - PUNGO RIVER - TOOLEYS CREEK	8 APR 97	11548	14-97
NC - BEAUFORT INLET	27 MAY 97- 24 JUN 97	11545	21, 25-97
NC - WALTER SLOUGH CHANNEL	14 JUL 98	12205	28-98
NC - MOREHEAD CITY CHANNEL	14 OCT 97	11545	41-97
NC - AICW - NEW RIVER	18 MAR 97	11542	11-97
NC - AICW - CAPE FEAR RIVER/LITTLE RIVER	29 OCT 96	11534	44-96

INFORMATION CONCERNING BRIDGES ACROSS NAVIGABLE WATERS OF THE FIFTH COAST GUARD DISTRICT

The following is a list of operating information for certain bridges within the Fifth Coast Guard District. Mariners are advised that the bridges may be operating on a temporary schedule, with reduced clearances, undergoing bridge repairs or under new bridge construction. Mariners are advised to proceed with caution, comply with Inland Navigation Rules at all bridges and to contact the bridge on channels 13 and 16 VHF-FM. For more information refer to the referenced Local Notice To Mariner or contact the Bridge Administration Office of the Fifth Coast Guard District at 804-398-6222.

BRIDGE	TYPE	WATERWAY	MILE	SUBJECT	LNM
Stoney Creek	DR	Stoney Creek	0.9	Electrical repairs	50/99
Point Pleasant Canal Bridge		Pt Pleasant Canal	3.0	Inspection	05/00
Route 162	F	Cape May Canal	113.8	Bridge Construction	03/00
I-295 Highway	F	Rancocas Creek	8.0	Bridge Reconstruction	31/96
Garden State Highway	F	Great Egg Bay	3.5	Bridge Reconstruction	47/99
Passyunk Avenue		Schuylkill River	3.5	Bridge Construction	42/99
Railroad Bridge 3-928R, DE	F	Lewes-Rehoboth Canal	2.2	Bridge Repairs	29/96
William Preston Lane JR., MD	F	Chesapeake Bay	138.0	Bridge Painting	19/98
Trippe Creek, MD		Trippe Creek		Bridge Construction	37/97
Central Light Railroad, MD	F	Patapsco River	13.9	Bridge Construction	21/96
Cat River Bridge, VA	F	Wallops Island	1.0	Partially Block	35/98
Dismal Swamp Canal, VA	F	Dismal Swamp Canal		Lock Information	29/97
Fairfield	F	AICW	113.8	Bridge Construction	42/99
Croatan Sound		Croatan Sound		Bridge Construction	23/98
Morehead-Beaufort Bridge	F	AICW		Bridge Information	12/96

KEY: F=Fixed, DR=Draw, RIV=River, CH=Channel, HBR=Harbor, AICWW=Atlantic Intracoastal Waterway, B=Bascule, E=East(Eastern), W=West(Western), S=South(Southern), N=North(Northern), SW=Swing Bridge, SYS=System, RR=Railroad, Sked=Schedule, Constr=Construction, Rest=Restricted, SR=State Route, RSP=Removable Span, VL=Vertical Lift

ARTICLES

NJ – INTRACOASTAL WATERWAY - Bridge Information

Mariners are advised to take caution on the NJ Intracoastal waterway when approaching the Point. Pleasant Canal Bridge, mile 3.0, and the inside thorofare bridge, mile 70.0 . Due to inspection crews in the vicinity.

LNM 05/99

NJ - INTRACOASTAL WATERWAY - LITTLE EGG HARBOR TO CAPE MAY CANAL - GREAT EGG HARBOR INLET- Bridge Construction

Work is in progress to replace the Ocean City-Longport double-leaf bascule bridge, at ICW Mile 0.3, across Great Egg Harbor Inlet between Ocean City and Longport, in New Jersey, with a new bridge. The existing bridge will be removed except the northernmost portion will be converted to a public fishing facility. The main navigational channel will be relocated approximately 1000 feet north of the existing channel and will provide a vertical clearance of 65 feet with a 150-foot navigational channel between piers. The replacement project is expected to be completed by July 2001. Mariners are advised to exercise caution when transiting the area.

LNM 02/00

NJ – LONG BEACH ISLAND – Cable Replacement Operations

Caldwell Cable Ventures is removing three submarine cables off the Long Beach Island, NJ. The MV **Marion CII** is removing the cables and installing a new cable in the area. The operations will continue until 24 February, 2000. MV MARION CII will be monitoring channels 10, 13 and 16 VHF-FM for concerned traffic. All mariners transiting the area are advised to use extreme caution when transiting this area.

LNM 04/00

PA – FAIRMOUNT DAM – SCHUYKILL RIVER – Dredging

East Atlantic Construction, Inc. is dredging in the vicinity of the Fairmount Dam in the Schuylkill River until March 6, 2000. Dredging operations will continue 7 days a week 24 hours. All concerned traffic can reach the dredge on channel 13 and 16 VHF-FM. All mariners are advised to use extreme caution when transiting the area.

LNM 02/00

PA – DELAWARE RIVER – FT. MIFFLIN PIER FACILITY – Construction

Complete Diving Services Inc. is currently rehabilitating the Ft. Mifflin Pier Facility adjacent to the Delaware River Channel on Mifflin Range and will continue until further notice. Diving operations are conducted Monday through Friday between the hours of 7:00 a.m. to 4:00 p.m. Mariners are requested to transit the area slowly and use extreme caution.

LNM 04/00

MD – ANNAPOLIS POWER SQUADRON – Boating Courses

The Annapolis Power Squadron will offer three Wednesday evening courses on the following dates:

7:30 p.m. – 9:30 p.m. March 15 thru May 3, 2000

Classes will be held at the Annapolis Middle School located on Spa Road. The course topics will be Seamanship and Boat handling, required equipment and its use, basic Rule of Navigation, chart and plotting a course, safety equipment and emergency practices, radio use, trailing your boat and PWC Rules and Regulations. Registration will be taken on the first day of class. Instruction is free and a Nominal fee will be charged for course material. Certificates will be issued to those who pass the exam on the last day of class. For more information call (410)263-8777. For courses in other locations call (888)367-8777 or visit USPS on the internet at <http://www.usps.org>

VA – CHESAPEAKE BAY – PATUXENT RIVER – Research Buoys

Research buoys have been temporarily established from Monday thru Friday, until February 2000. These private aids are NAS Lighted Data Buoy showing FI Y 2.5s at the following positions:

38 18 10.0N 076 26 00.0W	37 ft of water
38 19 00.0N 076 26 00.0W	42 ft of water
38 18 10.0N 076 27 40. 0W	35 ft of water

LNM 43/99

VA – CHESAPEAKE BAY – CAPE HENRY –Research Buoys

Old Dominion University is deploying current meter/conductivity meter Moorings at the entrance to Chesapeake Bay along a transect from Cape Henry Lighthouse to Fishermans Island from the charter vessel SEASEARCH I January 17 and 18, 2000. The entire array will be recovered the last half of March. At each of the following five locations the SEASEARCH I will deploy to the bay bottom a concrete slab outfitted with current meter/conductivity meter and other oceanographic instrumentation:

Moorings #1 (approx. 0.3 nm NE of Cape Henry Lighthouse-20 ft depth)	36 55' 51.4"N,	75 59' 58.8"W
Moorings #3 (approx. 0.2 nm SSE of Cape Henry Channel buoy "R4"-75 ft depth)	36 57' 47.2"N,	75 59' 16.9"W
Moorings #4 (approx. 1.0 nm NNE of buoy "R4"-34 ft depth)	36 58' 48.9"N,	75 58' 55.5"W
Moorings #5 (Six-meters Shoal-22 ft depth)	37 00' 46.5"N,	75 58' 23.3"W
Moorings #6 (approx. 0.5 nm WSW of North Channel buoy "N6"-42 ft depth)	37 02' 37.7"N,	75 57' 47.8"W

A 15-inch diameter surface buoy with a slow-flashing amber light will be deployed at moorings #1, #4, and #5. In addition, an instrumented taut-wire mooring, equipped with a slow-flashing amber-lighted surface buoy and a 30-inch subsurface buoy, will be deployed approximately 0.2 nm north of Aid-to-navigation buoy "N6," which marks the northern edge of the North Channel. The surface buoy at #1 will also have an instrumented subsurface buoy.

During the deployments the SEASEARCH I will be restricted in her ability to maneuver, and approaching vessels should be advised to steer clear. Cape Henry Pilot Tower will be kept advised at all times of the order of operations, which will depend on weather and vessel traffic.

LNM 02/00

VA – ELIZABETH RIVER – NORFOLK NAVAL SHIP YARD – Construction

Tidewater Construction Corporation is constructing a reinforced concrete wharf structure and extending crane runways along Piers 3, 4, 5 and 6 of the Norfolk Naval Shipyard, Portsmouth VA. The operations will continue through July, 2002. Throughout the duration of the project a crane barge and several deck barges will transiting in and out of the construction limits. While operating, the crane barge should not be interfering with the navigable channel. Anchor buoys extending from the crane barge are marked by white lights. Mariners are requested to transit the area with caution.

LNM 05/00

VA – ATLANTIC INTRACOASTAL WATERWAY – DISMAL SWAMP – CHESAPEAKE - Dredging

TNT Dredging INC is conducting dredging operations in the vicinity of the Atlantic ICW Dismal Swamp canal and feeder ditch in Chesapeake VA. The dredging operations will continue 24 hours a day 7 days a week until March 20, 2000. Dredge RACHAEL will be on scene monitoring channel 10 and 16 VHF-FM. All mariners are required to transit the area with extreme caution, stay clear of dredge and be alert of the submerged pipeline.

LNM 02/00

VA – THIMBLE SHOAL CHANNEL - TAIL OF THE HORSESHOE – Survey

The NOAA Ship RUDE will be conducting hydrographic survey operations at Tail of the Horseshoe between Thimble Shoal Channel and Chesapeake Channel from February 15 to April 1, 2000. The purpose of the survey is to update existing nautical charts of the region. Rude is a 90 ft, white-hulled vessel that tows side-scan sonar operations. Rude monitors channels 13 and 16 VHF-FM. Additional information may be found on the RUDE web site at www.pmc.noaa.gov/ru/ Mariners are requested to transit the area slowly and use extreme caution.

LNM 05/00

VA – ELIZABETH RIVER – NORFOLK HARBOR - NAUTICUS MARITIME CENTER – Dredging

Tidewater Construction Corporation has begun construction of the mooring facility for the USS Wisconsin at Nauticus Maritime Center. The new mooring facility will be located on the north side of the Nauticus Maritime Center. All dredging will be east of the 40 foot Federal Project Channel, Elizabeth River. Construction is scheduled to last until 6 September, 2000. Mariners are requested to transit the area slowly and use extreme caution.

LNM 04/00

NC – ATLANTIC INTRACOASTAL WATERWAY, FAIRFIELD – Bridge Info

Mariners are advised that the center span for the new fixed bridge across the Atlantic Intracoastal Waterway, mile 113.8, at Fairfield, North Carolina has been completed. The vertical clearance at mean high water is 65 feet. There no longer is unlimited vertical clearance at this location. Mariners are still advised to use extreme caution when transiting through this area since construction of the new bridge is still ongoing.

LNM 03/00

NC – SILVER LAKE HARBOR – MANTEO BAY – Dredging

Cottrell Contracting Corporation will be conducting dredging operations in the vicinity of Silver Lake Harbor and Manteo Bay from 17 January, 2000 to 30 April, 2000. Dredge RICHMOND will be working 24 hours, 7 days a week and monitoring channels 13 and 16 VHF FM. All mariners are requested to stay clear of the dredge, pipelines, barges, derricks and operating wires about the dredge. Mariners are requested to exercise extreme caution when transiting the area.

LNM 03/00

NC – WILMINGTON HARBOR – OCEAN BAR – Dredging

Natco Limited Partnership is conducting dredging operations in the vicinity of Wilmington Harbor (Ocean Bar). The dredging operations will continue 7 days a week 24 hours a day until April 1, 2000. Hopper Dredges, DODGE ISLAND and SUGAR ISLAND will be conducting the dredging operation monitoring channels 13 and 16 VHF-FM. Mariners are still advised to use extreme caution when transiting through this area.

LNM 05/00

NC - NEW RIVER - Firing exercises

The Commanding General, Marine Corps Base, Camp Lejeune, North Carolina, has advised that the area in the Atlantic Ocean between a point approximately 4.5 miles east of Bogue Inlet to a point approximately 10.0 miles southwest of New River Inlet, North Carolina, within the existing danger zone (depicted as 334.440) as shown on National Ocean Service Chart 11543, will be hazardous to navigation because of field firing exercises during the following periods:

None

Firing to 3 miles seaward.

Vessels are urged to avoid the above area during the periods stated except for the Atlantic Intracoastal Waterway, where mariners traveling through this area can expect a delay of about one hour during the above times. Range Control Boats, Marine Corps Base Camp Lejeune, North Carolina monitor Channel 16 VHF-FM (156.8 MHz) and the working Channel 82 VHF-FM (161.725 MHz).

The restricted areas in New River, as shown on National Ocean Service Chart 11542, will be closed to navigation because of firing exercises during the following periods:

Jacksonville Sector	Sunrise to Sunset daily,	03 – 13 February, 2000
Farnell Bay Sector	Sunrise to Sunset daily,	03 – 13 February, 2000
Traps Bay Sector	Sunrise to Sunset daily,	03 – 13 February, 2000
Stone Bay Sector	12:01 a.m. to Midnight,	03 – 13 February, 2000
Stone Creek Sector	12:01 a.m. to Midnight,	03 – 13 February, 2000
Grey Point Sector	12:01 a.m. to Midnight,	03 – 13 February, 2000

Ship operations consisting of landing craft, amphibious vehicles, and helicopters will be conducted in the Onslow Beach operating area and all sectors of New River from 12:01 a.m. to Midnight 03 – 13 February, 2000. Range Control Boats, Marine Corps Base Camp Lejeune, North Carolina monitor Channel 16 VHF-FM (156.8 MHz) and the working Channel 82 VHF-FM (161.725 MHz).

Charts: 11542, 11543

VIII LIGHT LIST CORRECTIONS for COMDTPUBP16502.2 Volume II 1999 Edition

An asterisk *, indicates the column in which a correction has been made or new information added.

(1) LLNR	(2) Name and Location	N/W (3) Position	(4) Characteristic	(5) Ht	(6) Rng	(7) Structure	(8) Remarks	LNM
10	Barnegat Lighted Buoy B *	39 45.8 73 46.1	FL Y 6s		7	Yellow.	RACON: B (-...).	05/00 SUP 03/00
1960	Fortescue Creek Entrance Buoy 4 Marks end of jetty.					Red nun.	Private aid. *	05/00
4495	- Buoy 22 *					Red nun. *		05/00
14155	Pepper Creek Daybeacon 3	37-20.0 76-19.6 *				SG on pile.		05/00 SUP 04/00

U.S.C.G. AUXILIARY BOATING CLASS SCHEDULE FOR FIFTH DISTRICT JAN 2000 - SEP 2000

Many states require boaters to attend Boater Education Courses. In our district, New Jersey requires all power vessel and personal water craft (PWC) operators, Pennsylvania requires motor boat operators 12-15 years old and all PWC operators, Delaware requires all vessel operators born after January 1, 1978, Maryland requires all vessel operators born after July 1, 1972 and District of Columbia requires all vessel operators to attend Boater Education Courses. The state of Virginia requires PWC operators 14-15 years old and North Carolina requires PWC operators 12-15 years old without an adult on board to attend boating course however, do not require adults to attend any boating courses. The US Coast Guard Auxiliary recommends all operators attend boater education course.

FLOTILLA	CITY	STATE	LOCATION	DATE	CLASS	CONTACT	PHONE
16-08	Avon	NJ	Shark River CG Station	3/6/00	Boating Skills and Seamanship	Fred Choppy	732-681-2331
13-06	Burlington	NJ	Burlington High School	3/7/00	Boating Skills and Seamanship	Buzz Lombardi	609-829-4866
07-12	Ship Bottom	NJ	Ship Bottom Borough Hall	4/28/00	Boating Skills and Seamanship	Joe Lupa	609-597-4876
07-12	Ship Bottom	NJ	Ship Bottom Borough Hall	4/28/00	Boating Skills and Seamanship	Joe Lupa	609-597-4876
13-05	Mt Laurel	NJ	Hartford School Room A108	3/15/00	Boating Skills and Seamanship	Dan Carter	856-983-4171
13-05	Mt Laurel	NJ	Hartford School Room A108	5/17/00	Boating Skills and Seamanship	Dan Carter	856-983-4171
13-06	Moorestown	NJ	Moorestown High School	3/9/00	Boating Safely	Buzz Lombardi	609-829-4866
13-06	Moorestown	NJ	Moorestown High School	3/9/00	Boating Safely	Buzz Lombardi	609-829-4866
13-06	Moorestown	NJ	Moorestown High School	4/6/00	Boating Skills and Seamanship	Buzz Lombardi	609-829-4866
13-06	Palmyra	NJ	Palmyra High School	3/1/00	Boating Skills and Seamanship	Buzz Lombardi	609-829-4866
08-02	Cape May	NJ	1519 Yacht Avenue	3/6/00	Boating Skills and Seamanship	Bruce Long	609-898-0442
08-02	Cape May	NJ	1519 Yacht Avenue	3/25/00	Boating Safely	Bruce Long	609-898-0442
08-02	Cape May	NJ	1519 Yacht Avenue	4/29/00	Boating Safely	Bruce Long	609-898-0442
08-02	Cape May	NJ	1519 Yacht Avenue	5/13/00	Boating Safely	Bruce Long	609-898-0442
08-02	Cape May	NJ	1519 Yacht Avenue	6/3/00	Boating Safely	Bruce Long	609-898-0442
08-02	Cape May	NJ	1519 Yacht Avenue	6/10/00	Boating Safely	Bruce Long	609-898-0442
08-02	Cape May	NJ	1519 Yacht Avenue	6/17/00	Boating Safely	Bruce Long	609-898-0442
08-02	Cape May	NJ	1519 Yacht Avenue	7/8/00	Boating Safely	Bruce Long	609-898-0442
08-02	Cape May	NJ	1519 Yacht Avenue	7/22/00	Boating Safely	Bruce Long	609-898-0442
08-02	Cape May	NJ	1519 Yacht Avenue	8/12/00	Boating Safely	Bruce Long	609-898-0442
08-01	Ocean City	NJ	Stainton Senior Center	4/8/00	Boating Skills and Seamanship	Morton Pearlman	609-525-0665

FLOTILLA	CITY	STATE	LOCATION	DATE	CLASS	CONTACT	PHONE
08-01	Ocean City	NJ	Stainton Senior Center	4/8/00	Boating Skills and Seamanship	Morton Pearlman	609-525-0665
08-01	Ocean City	NJ	Stainton Senior Center	4/11/00	Boating Skills and Seamanship	Morton Pearlman	609-525-0665
08-01	Ocean City	NJ	Stainton Senior Center	4/11/00	Boating Skills and Seamanship	Morton Pearlman	609-525-0665
08-01	Ocean City	NJ	Stainton Senior Center	5/3/00	Basic Coastal Navigation	Morton Pearlman	609-525-0665
08-01	Ocean City	NJ	Stainton Senior Center	5/20/00	Global Positioning System	Morton Pearlman	609-525-0665
08-01	Ocean City	NJ	Stainton Senior Center	6/3/00	Boating Skills and Seamanship	Morton Pearlman	609-525-0665
08-01	Ocean City	NJ	Stainton Senior Center	6/3/00	Boating Skills and Seamanship	Morton Pearlman	609-525-0665
06-01	Bordentown	NJ	Bordentown Regional High School	3/14/00	Boating Safely	Barbra Gilbert	609-882-1087
06-01	Ewing	NJ	Fisher Middle School	3/8/00	Boating Skills and Seamanship	Barbra Gilbert	609-882-1087
06-09	Lawrenceville	NJ	Lawrence High School	2/29/00	Boating Skills and Seamanship	Jim Martin	908-359-8430
06-09	Lawrenceville	NJ	Lawrence High School	2/29/00	Sailing Fundamentals	Jim Martin	908-359-8430
06-09	Lawrenceville	NJ	Lawrence High School	3/1/00	Advanced Coastal Navigation	Jim Martin	908-359-8430
06-09	Lawrenceville	NJ	Lawrence High School	3/1/00	Boating Safely	Jim Martin	908-359-8430
16-05	Brick Town	NJ	Brick Township High School	2/8/00	Boating Skills and Seamanship	Kevin W. Pace	732-349-4754
07-09	Lanoka Harbor	NJ	Mill Pond School	2/22/00	Boating Skills and Seamanship	Kathleen de Ferrari	609-693-2121
07-09	Lanoka Harbor	NJ	Mill Pond School	5/11/00	Boating Safely	Kathleen de Ferrari	609-693-2121
07-09	Lanoka Harbor	NJ	Mill Pond School	7/11/00	Boating Safely	Kathleen de Ferrari	609-693-2121
16-07	Manasquan	NJ	Manasquan Elementary School	5/13/00	Boating Safely	Brenda Moscatiello	732-447-6638
16-07	Manasquan	NJ	Manasquan Elementary School	6/10/00	Boating Safely	Brenda Moscatiello	732-447-6638
16-07	Pt. Pleasant	NJ	Coast Guard Station Manasquan Inlt	3/2/00	Boating Skills and Seamanship	Brenda Moscatiello	732-447-6638
16-07	Toms River	NJ	Toms River Intermediate School E.	2/29/00	Advanced Coastal Navigation	Brenda Moscatiello	732-447-6638
14-03	Lebanon	PA	Lebanon County Career & Tech.	2/14/00	Boating Skills and Seamanship	Anne Marie Wells	717-273-3352
05-02	Harrisburg	PA	River Rescue Building	2/15/00	Boating Skills and Seamanship	Denis Rossiter	717-249-9047
14-05	Red Lino	PA	Red Lion Ambulance Club	2/10/00	Boating Skills and Seamanship	Don Jagggers	717-225-5522
14-01	Lancaster	PA	Manheim Township Ambulance Bldg.	2/8/00	Boating Safely	John Williams	717-464-3715
15-05	Sunbury	PA	Sunbury Social Club	4/7/00	Boating Safely	Don Bowes	570-523-7744
15-05	South Milton	PA	Robbins Marine	3/4/00	Boating Safely	Robbins Marine	570-524-2415
15-05	Mt Carmel	PA	Mt. Carmel VFW	2/16/00	Boating Safely	Richard Dobeck	570-524-2415
15-05	Northumberland	PA	Yogi on the River Campground	6/17/00	Boating Safely	Yogi Camp	570-473-8021
15-05	Selinsgrove	PA	First National Trust Bank	3/7/00	Boating Safely	Don Bowes	570-523-7744
15-05	Winfield	PA	Winfield River edge Camp	5/20/00	Boating Safely	River Edge Camp	570-524-0453
04-03	Broomall	PA	Paxton Hollow Middle School	2/8/00	Boating Skills and Seamanship	Marc Needleman	215-227-2550
04-03	Broomall	PA	Paxton Hollow Middle School	2/8/00	Advanced Coastal Navigation	Marc Needleman	215-227-2550
04-03	Broomall	PA	Paxton Hollow Middle School	2/8/00	Boating Safely	Marc Needleman	215-227-2550
2-76	Philadelphia	PA	CG Base Penns landing	1/31/00	Boating Skills and Seamanship	Phil Heisler	215-331-3386
2-76	Philadelphia	PA	CG Base Penns landing	3/20/00	Boating Skills and Seamanship	Phil Heisler	215-331-3386
2-76	Philadelphia	PA	CG Base Penns landing	5/8/00	Boating Skills and Seamanship	Phil Heisler	215-331-3386
11-02	Fleetwood	PA	Maden Creek Marine	2/7/00	Boating Skills and Seamanship	Eugene C. Unger	610-779-5662
11-04	Reading	PA	2058 River Road	5/6/00	Boating Safely	Dianne Bossler	610-678-7998
01-09	Wilmington	DE	Al DuPont High School	2/22/00	Advanced Coastal Navigation	Melvin Flamer	302-654-0978
01-09	Wilmington	DE	Al DuPont High School	3/28/00	Sailing Fundamentals	Melvin Flamer	302-654-0978
12-02	Lewes	DE	Angola-By-The-Bay Clubhouse	4/29/00	Delaware State Course	Ruth Jopling	302-945-8806
12-09	Long Neck	DE	Short's Marine	2/28/00	Boating Skills and Seamanship	William Tower	302-945-3423

FLOTILLA	CITY	STATE	LOCATION	DATE	CLASS	CONTACT	PHONE
12-02	Millsboro	DE	Oak Orchard Firehouse	2/26/00	Delaware State Course	Ruth Jopling	302-945-8806
12-02	Rehoboth	DE	Cape Henlopen Sr. Center	3/31/00	Delaware State Course	Ruth Jopling	302-945-8806
13-05	Mt Laurel	NJ	Hartford School Room A108	3/15/00	Boating Skills and Seamanship	Dan Carter	856-983-4171
13-05	Mt Laurel	NJ	Hartford School Room A108	5/17/00	Boating Skills and Seamanship	Dan Carter	856-983-4171
08-02	Cape May	NJ	1519 Yacht Avenue	3/6/00	Boating Skills and Seamanship	Bruce Long	609-898-0442
08-02	Cape May	NJ	1519 Yacht Avenue	3/25/00	Boating Safely	Bruce Long	609-898-0442
08-02	Cape May	NJ	1519 Yacht Avenue	4/29/00	Boating Safely	Bruce Long	609-898-0442
08-02	Cape May	NJ	1519 Yacht Avenue	5/13/00	Boating Safely	Bruce Long	609-898-0442
08-02	Cape May	NJ	1519 Yacht Avenue	6/3/00	Boating Safely	Bruce Long	609-898-0442
08-02	Cape May	NJ	1519 Yacht Avenue	6/10/00	Boating Safely	Bruce Long	609-898-0442
08-02	Cape May	NJ	1519 Yacht Avenue	6/17/00	Boating Safely	Bruce Long	609-898-0442
08-02	Cape May	NJ	1519 Yacht Avenue	7/8/00	Boating Safely	Bruce Long	609-898-0442
08-02	Cape May	NJ	1519 Yacht Avenue	7/22/00	Boating Safely	Bruce Long	609-898-0442
08-02	Cape May	NJ	1519 Yacht Avenue	8/12/00	Boating Safely	Bruce Long	609-898-0442
08-01	Ocean City	NJ	Stainton Senior Center	4/8/00	Boating Skills and Seamanship	Mort Pearlman	609-525-0665
08-01	Ocean City	NJ	Stainton Senior Center	4/11/00	Boating Skills and Seamanship	Mort Pearlman	609-525-0665
08-01	Ocean City	NJ	Stainton Senior Center	5/30/00	Boating Skills and Seamanship	Mort Pearlman	609-525-0665
08-01	Ocean City	NJ	Stainton Senior Center	6/3/00	Boating Skills and Seamanship	Mort Pearlman	609-525-0665
08-02	CAPE MAY	NJ	USCG TRAINING CTR-TRACEN	07/08/00	Boating Safety Course	Bruce Long	609-898-0442
08-02	CAPE MAY	NJ	USCG TRAINING CTR-TRACEN	0722/00	Boating Safety Course	Bruce Long	609-898-0442
08-02	CAPE MAY	NJ	USCG TRAINING CTR-TRACEN	08/12/00	Boating Safety Course`	Bruce Long	609-898-0442
08-02	CAPE MAY	NJ	USCG TRAINING CTR-TRACEN	09/18/00	Boating Safety Course`	Bruce Long	609-898-0442
16-07	Manasquan	NJ	Manasquan Elementary School	5/13/00	Boating Safely	Brenda Moscatiello	732-447-6638
16-07	Manasquan	NJ	Manasquan Elementary School	6/10/00	Boating Safely	Brenda Moscatiello	732-447-6638
16-07	Pt. Pleasant	NJ	Coast Guard Station Manasquan Int.	3/02/00	Boating Skills and Seamanship	Brenda Moscatiello	732-447-6638
16-07	Toms River	NJ	Toms River Intermediate School E.	2/14/00	Advance Coastal Navigation	Brenda Moscatiello	732-447-6638
13-05	Mt Laurel	NJ	Hartford School Room A108	5/17/00	Boating Skills and Seamanship	Dan Carter	856-983-4171
14-03	Lebanon	PA	Lebanon County Career & Tech	2/14/00	Boating Skills and Seamanship	Anne Marie Weels	717-273-3352
05-02	Harrisburg	PA	River Rescue Building	2/15/00	Boating Skills and Seamanship	Denis Rossiter	717-249-9047
14-05	Red Lino	PA	Red Lion Ambulance Club	2/10/00	Boating Skills and Seamanship	Don Jagggers	717-225-5522
01-05	New Castle	DE	Ommelanden Hunter Ed Center	03/14/00	Boating Skills and Seamanship	Paul Eldridge	302-737-4479
01-05	New Castle	DE	Ommelanden Hunter Ed Center	04/25/00	BCN	Paul Eldridge	302-737-4479
Flot 12-05	Ocean City	MD	United Methodist Church	2/29/00	BS&S	Craig Oliver	410 208-0644
Flot 12-05	Ocean City	MD	United Methodist Church	2/29/00	BCN	Craig Oliver	410 208-0644
Flot 12-05	Ocean City	MD	Northside Park	4/24/00	MDBBC	Craig Oliver	410 208-0644
Flot 12-05	Ocean City	MD	Northside Park	5/16/00	MDBBC	Craig Oliver	410 208-0644
Flot 12-05	Ocean City	MD	Northside Park	6/13/00	MDBBC	Craig Oliver	410 208-0644
Flot 12-05	Ocean City	MD	Northside Park	7/18/00	MDBBC	Craig Oliver	410 208-0644
Flot 12-05	Ocean City	MD	Northside Park	8/15/00	MDBBC	Craig Oliver	410 208-0644
Flot 12-05	Ocean City	MD	Frontier Town	6/19/00	MDBBC	Craig Oliver	410 208-0644
Flot 12-05	Ocean City	MD	Frontier Town	7/10/00	MDBBC	Craig Oliver	410 208-0644
Flot 12-05	Ocean City	MD	Frontier Town	8/7/00	MDBBC	Craig Oliver	410 208-0644
Flot 12-05	Ocean City	MD	Northside Park	7/6/00	Piloting	Craig Oliver	410 208-0644
Flot 15-03	Waldorf	MD	Boaters World	3/18/00	MDBBC	Anne Oconnor	301 870-7799
Flot 15-03	Waldorf	MD	Boaters World	3/25/00	MDBBC	Anne Oconnor	301 870-7799
Flot 07-02	Silver Spring	MD	White Oak MS	4/3/00	BS&S	Janice Connolly	301 593-4263
Flot 07-02	Silver Spring	MD	White Oak MS	4/3/00	Sailing	Janice Connolly	301 593-4263
Flot 20-10	Emerald Isle	NC	CG Station Sm Swansboro	2/14/00	BS&S	Frank Oliver	252 393-7488
Flot 05-05	Centerville	VA	Centerville Waterway Mar	2/19/00	BSC		757 547-4498

FLOTILLA	CITY	STATE	LOCATION	DATE	CLASS	CONTACT	PHONE
Flot 05-05	Centerville	VA	Centerville Waterway Mar	2/26/00	GPS		757 547-4498
Flot 05-05	Centerville	VA	Centerville Waterway Mar	3/18/00	BSC		757 547-4498
Flot 05-05	Centerville	VA	Centerville Waterway Mar	3/25/00	GPS		757 547-4498
Flot 05-05	Centerville	VA	Centerville Waterway Mar	5/13/00	BSC		757 547-4498
Flot 05-05	Centerville	VA	Centerville Waterway Mar	4/15/00	BSC		757 547-4498
Flot 06-04	Gloucester Point	VA	Waterman's Hall VIMS	2/8/00	BSC		804 642-4659
Flot 03-03	Kilmarnock	VA	Lancaster Comm Library	4/4/00	SF		804 462-0234
Flot 06-06	Mathews	VA	Mathews HS	2/25/00	GPS		804 694-5425
Flot 06-06	Mathews	VA	Mathews HS	2/28/00	Sailing		804 694-5425
Flot 06-06	Mathews	VA	Mathews HS	4/3/00	NAV		804 694-5425
Flot 06-06	Mathews	VA	Mathews HS	5/19/00	GPS		804 694-5425
Flot 05-04	Norfolk	VA	Atlantic Marine Ctr	2/16/00	BS&S		757 475-9478
Flot 05-04	Norfolk	VA	Atlantic Marine Ctr	4/24/00	BSC		757 475-9478
Flot 05-04	Norfolk	VA	Atlantic Marine Ctr	5/9/00	BS&S		757 475-9478
Flot 05-01	Portsmouth	VA	West Br Diesel Tng Ctr	3/2/00	BS&S		757 399-8138
Flot 05-01	Portsmouth	VA	West Br Diesel Tng Ctr	5/6/00	BSC		757 399-8138
Flot 06-01	Hampton	VA	102 South King St.	2/21/00	BS&S		757 850-2471
Flot 06-01	Hampton	VA	102 South King St.	4/1/00	BS&S		757 850-2471
Flot 06-05	Newport News	VA	Warwick HS	2/24/00	BS&S		757 427-6898
Flot 05-07	Virginia Beach	VA	First Colonial HS	2/17/00	BS&S		757 481-6762
Flot 05-07	Virginia Beach	VA	First Colonial HS	2/17/00	SF		757 481-6762
Flot 05-07	Virginia Beach	VA	First Colonial HS	4/4/00	BSC&PWC		757 481-6762
Flot 05-07	Virginia Beach	VA	First Colonial HS	5/5/00	BSC&PWC		757 481-6762
Flot 03-10	Heathsville	VA	Northumberland Cty Library	2/14/00	BS&S	Tom Courtless	804 453-5927
Flot 03-10	Calloa	VA	Professional Bldg	3/22/00	BS&S	Kendall Rowe	804 493-9670
Flot 03-04	Henrico Cty	VA	Hermitage HS	2/9/00	BS&S	Jim Lassiter	804 360-4159
Flot 03-05	Chesterfield Cty	VA	Robious MS	2/14/00	BS&S	Tod McWhinney	804 744-1660
Flot 03-05	Chesterfield Cty	VA	Robious MS	2/14/00	Sailing Fund	Tod McWhinney	804 744-1660
Flot 03-05	Chesterfield Cty	VA	Robious MS	2/14/00	Basic Nav	Tod McWhinney	804 744-1660
Flot 03-05	Chesterfield Cty	VA	Robious MS	2/14/00	Adv Nav	Tod McWhinney	804 744-1660
Flot 03-06	Henrico Cty	VA	Short Pump MS	2/21/00	BS&S	Bob Mowery	804 639-1129
Flot 03-03	Kilmarnock	VA	Lancaster Comm Library	4/4/00	Sailing Fund	Doug Wiseman	804 462-0234
Flot 03-03	Kilmarnock	VA	Lancaster Comm Library	6/6/00	PWC&BS	Doug Wiseman	804 462-0234
Flot 03-03	Kilmarnock	VA	Lancaster Comm Library	9/19/00	Adv Nav	Doug Wiseman	804 462-0234

J. E. SHKOR
VICE ADMIRAL, U. S. COAST GUARD